

**REMARKS**

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is an electronic CRF copy of the Substitute Sequence Listing. The electronic CRF copy of the Substitute Sequence Listing, file "2010-03-06 3691-0135PUS1\_ST25.txt", is identical to the paper copy, except that it lacks formatting. The enclosed paper copy and the electronic CRF copy of the Substitute Sequence Listing do not include new matter.

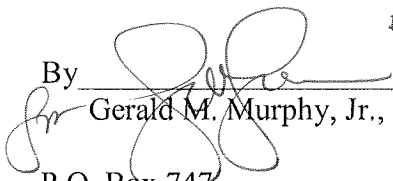
The specification and claims are amended to properly identify each disclosed sequence with a corresponding sequence identification number (SEQ ID NO). Furthermore, the sequences of SEQ ID NOS: 7 through 13 have been added to the enclosed Sequence Listing. The sequences of SEQ ID NOS: 7 through 13 are disclosed in the application at page 13, Example 1, and page 19, Example 4, where the amino acids of the repeating unit are replaced through the repeating unit represented by the formula  $-(\text{Gly-X-Y})-$  as described in paragraph [0012], beginning on page 6, beginning at line 18. No new matter is introduced by these amendments.

Application No. 10/589,557

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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GMM/MHE/psq  
3691-0135PUS1

Attachments:

Electronic CRF Copy of Substitute Sequence Listing  
Paper Copy of Substitute Sequence Listing